

Listing of Claims

1. (Currently Amended) A method for driving a display device having a display panel, the method comprising:

confirming whether display data applied to the display panel are uniformly maintained for a predetermined time;

dividing the display panel into at least two pixel block sets when the display data are uniformly maintained for a predetermined time; and

sequentially performing screen save modes for each pixel block set, wherein the screen save modes apply screen save mode data, which turns pixels within the pixel block set on or off or inverts the display data, to the block set,

wherein the pixel block sets for the screen save modes is any one of a column block consisting of at least one pixel column, a row block consisting of at least one pixel row, or a pixel block consisting of $N1 \times M1$ ($N1$ and $M1$ are positive integers) pixels.

2. (Previously Presented) The method of claim 1, further comprising:

releasing the screen save modes when the display data are changed during the screen save modes; and

displaying the display data only on the display panel.

3. (Previously Presented) The method of claim 1, further comprising displaying the display data on the display panel without performing the screen save modes when the display data are changed without being uniformly maintained for a predetermined time.

4. (Canceled)

5. (Original) The method of claim 1, wherein the screen save mode data are inverse data of the display data.

6. (Canceled)

7. (Currently Amended) A method for driving a display device having a display panel, the method comprising:

confirming whether display data applied to the display panel are uniformly maintained for a predetermined time;

configuring pixels of the display panel into at least one pixel column block set when the display data are uniformly maintained for a predetermined time; and

sequentially performing screen save modes on each pixel column block set, wherein the screen save modes apply screen save mode data, which turns pixels within the pixel column block set on or off or inverts the display data, to the pixel column block set.

8. (Canceled)
9. (Previously Presented) The method of claim 7, further comprising:
releasing the screen save modes when the display data are changed during the screen save modes; and
displaying the display data only on the display panel.
10. (Currently Amended) A method for driving a display device having a display panel, the method comprising:
confirming whether display data applied to the display panel are uniformly maintained for a predetermined time;
configuring pixels of the display panel into at least one pixel row block set when the display data are uniformly maintained for a predetermined time; and
sequentially performing screen save modes on each pixel row block set, wherein the screen save modes apply screen save mode data, which turns pixels within the pixel row block set on or off or inverts the display data, to the pixel row block set.
11. (Previously Presented) The method of claim 10, further comprising:
releasing the screen save modes when the display data are changed during the screen save modes; and
displaying the display data only on the display panel.

12. (Canceled)

13. (Previously Presented) A method for driving a display device having a display panel, the method comprising:

confirming whether display data applied to the display panel are uniformly maintained for a predetermined time;

configuring the display panel into at least one $N1 \times M1$ ($N1$ and $M1$ are positive integers) pixel block set when the display data are uniformly maintained for a predetermined time; and

sequentially performing screen save modes on each $N1 \times M1$ pixel block set, wherein the screen save modes apply screen save mode data, which turns pixels within the $N1 \times M1$ pixel block set on or off or inverts the display data, to the $N1 \times M1$ pixel block set.

14. (Previously Presented) The method of claim 13, further comprising:

releasing the screen save modes when the display data are changed during the screen save modes; and

displaying the display data only on the display panel.

15. (Canceled)

16. (Original) The method of claim 13, wherein the $N1 \times M1$ pixel block has a size of 11 x 12 pixels or 6 x 12 pixels.

17-23 (Canceled)

24. (Previously Presented) The method of claim 7, wherein configuring the display panel comprises dividing the display panel into at least two pixel column block sets.

25. (Previously Presented) The method of claim 10, wherein configuring the display panel comprises dividing the display panel into at least two pixel row block sets.

26. (Previously Presented) The method of claim 13, wherein configuring the display panel comprises dividing the display panel into at least two $N1 \times M1$ pixel block sets.

27. (Currently Amended) A method for driving a display panel, the method comprising:

confirming whether display data applied to the display panel are uniformly maintained for a predetermined time;

dividing pixels of the display panel into at least one pixel block set when the display data are uniformly maintained for a predetermined time; and

sequentially performing screen save modes that apply the display data and screen save mode data to each of the pixel blocks sets, wherein the screen save mode data are inverse data of the display data.

28. (Previously Presented) The method of claim 1, wherein the screen save mode data turns all pixels within the pixel block set on or off sequentially.

29. (New) The method of claim 1, wherein different screen save modes are performed sequentially for the pixel block sets.